

CONSERVATION PRACTICE SPOTLIGHT

WQ10 STREAM PROTECTION

Sediment is the leading cause of water pollution in Missouri. When soil erodes it carries sediment that contains chemicals and nutrients such as pesticides, fertilizers and animal waste. When pollutants such as these enter our streams it can negatively impact our water quality. The Bollinger Soil and Water Conservation District has a new practice available called **WQ10-Stream Protection**. As a landowner with a stream on your property you can help improve water quality for you as well as a neighbor downstream by implementing this practice.

The main purpose of this conservation practice is to reduce excess amounts of sediment, organic material, nutrients and pesticides in surface runoff and reduce excess nutrients and other chemicals in shallow ground water flow with a secondary benefit of streambank stabilization.



This practice applies to areas immediately adjacent to permanent or intermittent streams and streams containing perennial pools or natural wetlands, where livestock have uncontrolled access for watering purposes. To qualify, both sides of the stream must be excluded from livestock access. **A one-time out-of-production incentive payment of \$500.00 per acre basis for livestock exclusion is available to landowners that qualify.** The minimum width of the excluded area must be 25 feet. The maximum width for the financial incentive is 150 feet.

This practice also offers cost-share on a wide variety of components to implement the practice. The items cost-share is available for are:

1. Permanent fencing (4-strand barbed wire or 2-strand electric)
2. Stream Crossing
3. Water Source (pond, well, or spring development) with livestock tank (\$3500.00 maximum cost- share)
4. Pipeline
5. Spraying
6. Critical Area planting

Each of these items have multiple components listed under them that will be eligible for cost-share based upon what is considered necessary to implement the practice. The SWCD office will work with you to determine the components needed to complete the WQ10 practice on your property.

The WQ10 Stream Protection practice is becoming very popular around the State of Missouri. With this practice now being available it is a great opportunity to improve water quality in our area.

If you are interested in this practice or would like more information please contact the office at 573-238-2671 extension 3.